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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

MAY 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

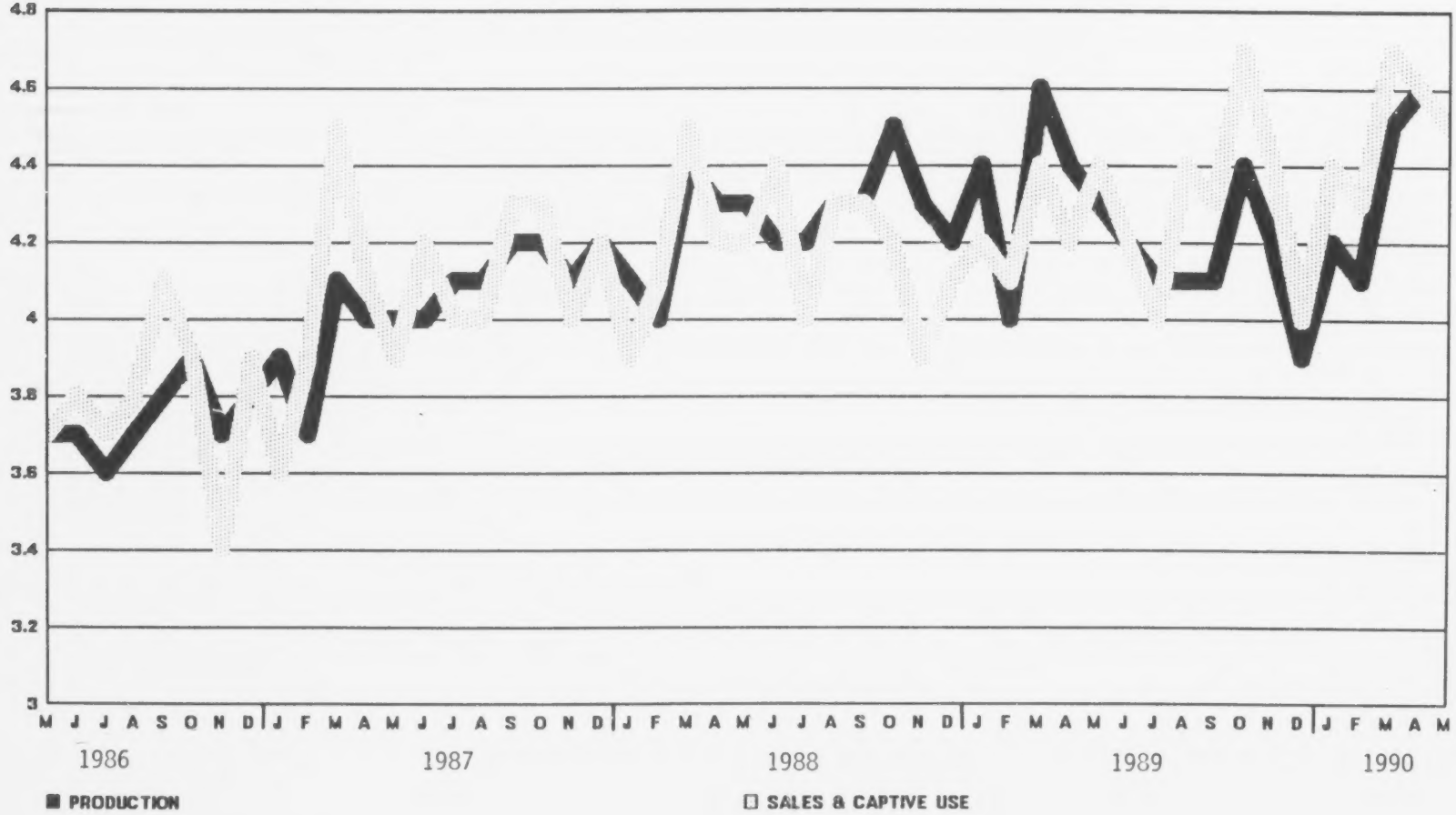
Release Date: July 17, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

MAY 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

MAY 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	40,848	43,913	-7.0	194,326	210,003	-7.5	42,455	48,679	-12.8	211,834	225,487	-6.1
POLYESTER (UNSATURATED) RESINS, TOTAL	109,810	127,024	-13.6	535,420	584,864	-8.5	110,434	128,117	-13.8	540,618	586,872	-7.9
UREA RESINS, TOTAL	121,784	116,730	4.3	626,083	578,448	8.2	125,576	117,256	7.1	649,584	582,074	11.6
MELAMINE RESINS, TOTAL	15,529	19,380	-19.9	70,019	91,726	-23.7	17,649	19,764	-10.7	81,394	96,196	-15.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	241,723	220,124	9.8	1,254,849	1,199,506	4.6	241,172	220,945	9.2	1,259,639	1,213,905	3.8
THERMOSETTING RESINS, TOTAL	529,694	527,171	0.5	2,680,697	2,664,547	0.6	537,286	534,761	0.5	2,743,069	2,704,534	1.4
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	592,686	591,548	0.2	2,939,942	2,809,702	4.6	595,507	537,167	10.9	2,987,553	2,885,687	3.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	372,216	315,584	17.9	1,883,788	1,484,910	26.9	304,420	231,833	31.3	1,496,122	1,296,318	15.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	704,197	682,549	3.2	3,398,138	3,274,723	3.8	714,623	704,199	1.5	3,322,691	3,386,396	-1.9
POLYPROPYLENE, TOTAL	659,600	619,534	6.5	3,403,877	3,084,969	10.3	718,276	607,955	18.1	3,466,635	3,098,715	11.9
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	98,389	108,376	-9.2	497,018 R	563,835	-11.9	105,997	116,788	-9.2	479,175	601,304	-20.3
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	13,033	10,793	20.8	54,164 R	47,861	13.2	11,907	12,449	-4.4	53,355	53,015	0.6
POLYSTYRENE RESINS, TOTAL	435,431	452,671	-3.8	2,172,882 R	2,192,688	-0.9	426,690	464,939	-8.2	2,073,241 R	2,178,906	-4.8
STYRENE BASED LATEXES, TOTAL ***	97,361	90,912	7.1	457,813	431,855	6.0	86,232	86,206	0.0	431,135	416,291	3.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	14,691	13,083	12.3	67,080	67,995	-1.3	13,335	10,751	24.0	62,407	63,483	-1.7
NYLON RESINS (6)	52,618	50,730	3.7	235,701	255,638	-7.8	51,787	52,189	-0.8	235,643	250,090	-5.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	782,169	744,190	5.1	3,869,064	3,544,294	9.2	787,779	687,192	14.6	3,799,020	3,577,305	6.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,656	16,421	7.5	82,785 R	84,716	-2.3	18,456	18,074	2.1	96,502 R	92,130	4.7
THERMOPLASTIC POLYESTER, TOTAL (6)	171,951	150,302	14.4	780,299	700,161	11.4	156,174	145,697	7.2	760,743	701,778	8.4
THERMOPLASTIC RESINS, TOTAL	4,011,998	3,846,693	4.3	19,842,551 R	18,543,347	7.0	3,991,183	3,675,439	8.6	19,264,222 R	18,601,418	3.6
GRAND TOTAL	4,541,692	4,373,864	3.8	22,523,248 R	21,207,894	6.2	4,528,469	4,210,200	7.6	22,007,291 R	21,305,952	3.3

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinyliden

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	40,848	43,913	-7.0	194,326	210,003	-7.5	42,455	48,679	-12.8	211,834	225,487	-6.1
Exports, Total	4,987	7,471	-33.2	30,433	37,781	-19.4						
Captive Use, Total	1,294	1,876	-31.0	7,172	6,680	7.4						
Domestic Sales, Total	34,567	34,566	0.0	156,721	165,542	-5.3						
Domestic Sales & Captive Use,Total	35,861	36,442	-1.6	163,893	172,222	-4.8						
Bonding & Adhesives	2,734	2,292	19.3	11,657	11,217	3.9						
Flooring, Paving & Exposed Aggregate	2,462	2,300	7.0	11,118	10,094	10.1						
Protective Coatings	17,924	17,059	5.1	79,371	83,363	-4.8						
Fiber Reinforced Laminates & Composites	7,246	7,452	-2.8	35,419	37,383	-5.3						
FRL&C for Printed Wiring Board	4,711	4,934	-4.5	23,633	26,136	-9.6						
All Other FRL&C	2,535	2,518	0.7	11,786	11,247	4.8						
Tooling, Casting & Molded Resins	2,521	2,890	-12.8	11,096	13,190	-15.9						
All Other Uses	2,974	4,449	-33.2	15,232	16,975	-10.3						
POLYESTER (UNSATURATED) RESINS, TOTAL	109,810	127,024	-13.6	535,420	584,864	-8.5	110,434	128,117	-13.8	540,618	586,872	-7.9
Total Exports	2,321	2,804	-17.2	9,764	10,018	-2.5						
Total Domestic	107,489	124,220	-13.5	525,656	574,846	-8.6						
General Purpose Resins, Total	92,893	106,630	-12.9	455,551	496,269	-8.2						
General Purpose - Thixotropic	38,487	48,096	-20.0	181,359	223,124	-18.7						
General Purpose - Press Molding	12,915	13,030	-0.9	61,543	55,760	10.4						
General Purpose - Panel	8,015	N/A		37,170	N/A							
General Purpose - All Other	33,476	45,504	-26.4	175,479	217,385	-19.3						
Flame Retardant Resins	1,945	2,181	-10.8	9,728	10,102	-3.7						
Chemical Resistant Resins, Total	12,651	15,409	-17.9	60,377	68,475	-11.8						
Chemical Resistant Isophthalic Resins	9,058	11,925	-24.0	43,855	53,025	-17.3						
All Other Chemical Resistant Resins	3,593	3,484	3.1	16,522	15,450	6.9						
Reinforced Plastic, Total	78,466	94,062	-16.6	386,549	437,126	-11.6						
Non-Reinforced Plastics, Total	29,023	30,158	-3.8	139,107	137,720	1.0						

N/A = Not Available

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	121,784	116,730	4.3	626,083	578,448	8.2	125,576	117,256	7.1	649,584	582,074	11.6
MELAMINE RESINS, TOTAL	15,529	19,380	-19.9	70,019	91,726	-23.7	17,649	19,764	-10.7	81,394	96,196	-15.4
UREA & MELAMINE RESINS, TOTAL	137,313	136,110	0.9	696,102	670,174	3.9	143,225	137,020	4.5	730,978	678,270	7.8
Total Exports	D1	D1		D1	D1							
Total Domestic	137,313	136,110	0.9	696,102	670,174	3.9						
Textile Coating & Treating Resins	2,220	2,251	-1.4	10,765	10,457	2.9	3,482	2,361	47.5	20,527	12,293	67.0
Paper Coating & Treating Resins	5,131	4,952	3.6	23,624	22,236	6.2	5,203	4,987	4.3	24,184	23,452	3.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	106,637	108,874	-2.1	549,884	543,449	1.2	110,803	108,617	2.0	572,926	541,168	5.9
Laminating	1,461	10,106	-85.5	9,537	38,285	-75.1	1,455	9,331	-84.4	9,814	32,624	-69.9
Plywood	5,176	5,057	2.4	24,125	30,037	-19.7	5,217	5,335	-2.2	24,465	30,879	-20.8
Fibrous & Granulated Wood (Particle Board)	100,000	93,711	6.7	516,222	475,127	8.6	104,131	93,951	10.8	538,647	477,665	12.8
Protective Coatings (Straight & Modified)	9,309	9,770	-4.7	40,546	48,289	-16.0	12,281	11,589	6.0	53,824	59,897	-10.1
All Other Uses	14,016	10,263	36.6	71,283	45,743	55.8	11,456	9,466	21.0	59,517	41,460	43.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	241,723	220,124	9.8	1,254,849	1,199,506	4.6	241,172	220,945	9.2	1,259,639	1,213,905	3.8
Total Exports	2,820	1,438	96.1	10,807	7,513	43.8						
Total Domestic	238,903	218,686	9.2	1,244,042	1,191,993	4.4						
Molding Compounds	15,239	15,393	-1.0	72,668	78,011	-6.8	16,761	17,429	-3.8	82,905	85,377	-2.9
Bonding & Adhesive Resins for:	220,518	200,577	9.9	1,155,470	1,096,064	5.4	221,030	200,466	10.3	1,160,425	1,108,286	4.7
Laminating	13,879	19,543	-29.0	73,827	91,136	-19.0	13,714	19,503	-29.7	73,902	94,237	-21.6
Coated & Bonded Abrasives	2,499	2,283	9.5	12,106	11,724	3.3	2,451	2,288	7.1	11,822	12,890	-8.3
Friction Materials	3,952	3,455	14.4	19,545	17,098	14.3	3,964	3,519	12.6	19,847	17,444	13.8
Insulation Materials	33,846	37,687	-10.2	171,490	180,380	-4.9	34,989	37,645	-7.1	177,596	184,339	-3.7
Foundry & Shell Molding	6,449	4,156	55.2	32,288	19,399	66.4	6,497	4,124	57.5	31,758	19,924	59.4
Plywood	D3	99,750		D3	603,164		D3	100,090		D3	604,269	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,209		D3	5,877		D3	1,221		D3	6,327	
All Other	159,893	32,494	N/C	846,214	167,286	N/C	159,415	32,076	N/C	845,500	168,856	N/C
Protective Coatings - Unmodified & Modified	D2	1,146		D2	5,851		D2	1,168		D2	5,406	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,146	1,570	N/C	15,904	12,067	N/C	3,381	1,882	N/C	16,309	14,836	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	592,686	591,548	0.2	2,939,942	2,809,702	4.6	607,517	545,846	11.3	3,059,772 R	2,926,179	4.6
Imports, Total							12,010	8,679	38.4	72,219 R	40,492	78.4
Exports, Total	66,434	70,598	-5.9	335,279	377,543	-11.2						
Domestic, Total	526,252	520,950	1.0	2,604,663	2,432,159	7.1	595,507	537,167	10.9	2,987,553	2,885,687	3.5
Film (12 Mils & Below)	308,553	289,514	6.6	1,530,511	1,379,706	10.9						
Packaging Film	210,001	196,627	6.8	1,043,256	937,860	11.2						
Food Packaging Film	92,641	93,642	-1.1	501,908	446,718	12.4						
Non-Food Packaging Film	92,732	81,805	13.4	423,833	394,233	7.5						
Shrink Film	13,625	D10		63,038	D10							
Stretch Film	11,003	21,180	N/C	54,477	96,909	N/C						
Non-Packaging Film	98,552	92,887	6.1	487,255	441,846	10.3						
Carry-Out Bags	11,523	10,347	11.4	45,474	51,541	-11.8						
Trash and Can Liners	32,476	32,734	-0.8	152,533	160,085	-4.7						
Other Non-Packaging Film	54,553	49,806	9.5	289,248	230,220	25.6						
Sheet (Over 12 Mils)	6,359	7,641	-16.8	29,678	40,194	-26.2						
Injection Molding	30,305	29,293	3.5	154,537	162,831	-5.1						
Injection Molded Lids	6,561	4,597	42.7	33,161	19,962	66.1						
Injection Molded Housewares	3,671	3,842	-4.5	20,044	19,126	4.8						
Other Injection Molding	20,073	20,854	-3.7	101,332	123,743	-18.1						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	63,730	D5		319,401	D5							
Blow Molding	6,156	7,183	-14.3	26,008	27,667	-6.0						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	32,485	93,295	N/C	151,954	441,313	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	48,535	56,146	-13.6	229,931	209,250	9.9						
Resellers	36,065	43,240	-16.6	163,973	159,049	3.1						
Compounders	12,470	12,906	-3.4	65,958	50,201	31.4						
Adhesives and Sealants	8,677	D2		45,955	D2							
All Other Uses	21,452	37,878	N/C	116,688	171,198	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Included in Stretch Film.
(6) = Sales Include Imports.
D = Disclosure
N/C = Not Comparable

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	372,216	315,584	17.9	1,883,788	1,484,910	26.9	365,785	280,695	30.3	1,833,361	1,569,232	16.8
Imports, Total							61,365	48,862	25.6	337,239	272,914	23.6
Exports, Total	18,201	17,564	3.6	91,239	60,233	51.5						
Domestic, Total	354,015	298,020	18.8	1,792,549	1,424,677	25.8	304,420	231,833	31.3	1,496,122	1,296,318	15.4
Film (12 Mils & Below)	232,212	189,449	22.6	1,180,277	909,836	29.7						
Packaging Film	98,790	87,542	12.8	515,177	425,876	21.0						
Food Packaging Film	15,284	15,250	0.2	90,867	77,572	17.1						
Non-Food Packaging Film	55,712	51,363	8.5	283,205	239,141	18.4						
Shrink Film	D10	D10		D10	D10							
Stretch Film	27,794	20,929	32.8	141,105	109,163	29.3						
Non-Packaging Film	133,422	101,907	30.9	665,100	483,960	37.4						
Carry-Out Bags	19,876	14,898	33.4	102,374	80,644	26.9						
Trash and Can Liners	84,568	72,549	16.6	434,048	323,746	34.1						
Other Non-Packaging Film	28,978	14,460	100.4	128,678	79,570	61.7						
Sheet (Over 12 Mils)	1,029	2,873	-64.2	6,237	11,878	-47.5						
Injection Molding	47,065	35,502	32.6	206,061	164,318	25.4						
Injection Molded Lids	15,335	18,117	-15.4	75,913	74,129	2.4						
Injection Molded Housewares	20,652	12,370	67.0	83,022	58,385	42.2						
Other Injection Molding	11,078	5,015	120.9	47,126	31,804	48.2						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,510	2,095	-27.9	12,696	7,111	78.5						
Pipe and Conduit, Total	4,635	D5		25,986	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	15,530	21,824	N/C	77,758	103,562	N/C						
Rotomolding	24,596	D2		132,814	D2							
Resellers & Compounders, Total	18,482	17,772	4.0	99,693	84,116	18.5						
Resellers	6,962	13,560	-48.7	51,045	60,969	-16.3						
Compounders	11,520	4,212	173.5	48,648	23,147	110.2						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	8,956	28,505	N/C	51,027	143,856	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is included in Stretch Film.
D10 = Disclosure: Included in Stretch Film.
(6) = Sales include Imports.
D = Disclosure
N/C = Not Comparable

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940, TOTAL	704,197	682,549	3.2	3,398,138	3,274,723	3.8	714,623	704,199	1.5	3,322,691	3,386,396	-1.9
Exports, Total	52,425	71,832	-27.0	273,319	335,801	-18.6						
Domestic, Total	651,772	610,717	6.7	3,124,819	2,938,922	6.3						
Film (12 Mils & Below)	73,062	63,028	15.9	365,077	318,024	14.8						
Packaging Film	19,691	16,378	20.2	105,050	77,242	36.0						
Food Packaging Film	14,316	12,231	17.0	70,857	52,515	34.9						
Non-Food Packaging Film	5,375	4,147	29.6	34,193	24,727	38.3						
Non-Packaging Film	53,371	46,650	14.4	260,027	240,782	8.0						
Retail Bags	35,457	24,947 F	N/C	193,334	122,049 F	N/C						
Grocery Sacks & T-Shirt Bags	18,050	N/A		99,746	N/A							
All Other Retail Bags	4,774	N/A		26,818	N/A							
Trash Bags/Can Liners	12,633	D9		66,770	D9							
All Other Non-Packaging Film	17,914	21,703	N/C	66,693	118,733	N/C						
Sheet (Over 12 Mils)	32,630	30,520	6.9	165,119	134,966	22.3						
Injection Molding, Total	138,920	121,915	13.9	623,133	582,454	7.0						
Pails (5 gallons or less)	44,274	34,410	28.7	179,943	175,576	2.5						
Housewares	8,552	8,885	-3.7	41,903	42,575	-1.6						
Food Tubs/Containers & Drink Cups	24,290	22,063	10.1	126,318	100,790	25.3						
Crates and Totes	19,658	14,566	35.0	75,454	69,348	8.8						
Toys/Novelties/Sporting Goods	4,931	N/A		26,654	N/A							
Caps and Closures	10,142	N/A		45,745 R	N/A							
All Other Injection Molding	27,073	41,991	N/C	127,116 R	194,165	N/C						
Wire and Cable	15,363	14,314	7.3	73,416	64,259	14.3						
Blow Molding, Total	239,421	250,777	-4.5	1,184,019	1,198,490	-1.2						
Motor Oil Bottles	16,099	18,848	-14.6	91,507	75,391	21.4						
Liquid Food Bottles	81,304	77,653	4.7	396,989	372,989	6.4						
Household Chemical Bottles	75,899	76,749	-1.1	366,149	366,452	-0.1						
Industrial Drums	10,604	22,843 G	N/C	55,361	110,052 G	N/C						
Gas Tanks, All Uses	3,118	N/A		13,289	N/A							
Pharm., Cosmetics, & Toiletries	18,213	N/A		95,463	N/A							
All Other Blow Molding	34,184	54,684	N/C	165,261	273,606	N/C						
Pipe and Conduit, Total	51,491	44,923	14.6	214,754	195,850	9.7						
Corrugated	8,747	10,251	-14.7	41,332	36,252	14.0						
Non-Corrugated	42,744	34,672	23.3	173,422	159,598	8.7						
Gas Distribution	13,477	N/A		61,108	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	29,267	N/A		112,314	N/A							
Other Extruded Products	8,112	5,442	49.1	35,220	29,842	18.0						
Rotomolding	6,768	5,071	33.5	30,281	28,335	6.9						
Reseller & Compounders, Total	61,554	56,719	8.5	311,734	269,935	15.5						
Resellers	58,191	51,633	12.7	292,513	243,497	20.1						
Compounders	3,363	5,086	-33.9	19,221	26,438	-27.3						
All Other HDPE	24,451	18,008	35.8	122,066	116,767	4.5						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
N/C = Not Comparable.
N/A = Not Available
R = Revision
F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	659,600	619,534	6.5	3,403,877	3,084,969	10.3	718,276	607,955	18.1	3,466,635	3,098,715	11.9
Exports, Total	113,685	100,795	12.8	636,366	524,769	21.3						
Domestic, Total	545,915	518,739	5.2	2,767,511	2,560,200	8.1						
Injection Molding, Total	160,288	158,363	1.2	824,435	766,795	7.5						
Appliances	14,961	15,757	-5.1	77,238	70,619	9.4						
Consumer Products	52,642	46,173	14.0	270,332	228,207	18.5						
Rigid Packaging	53,848	58,980	-8.7	279,084	261,267	6.8						
Transportation	26,053	21,591	20.7	122,776	119,033	3.1						
All Other Injection Molding	12,784	15,862	-19.4	75,005	87,669	-14.4						
Blow Molding	11,413	10,118	12.8	60,522	52,333	15.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	49,125	48,223	1.9	244,950	249,144	-1.7						
Oriented Film	40,086	35,561	12.7	196,123	189,832	3.3						
Non-Oriented Film	9,039	12,662	-28.6	48,827	59,312	-17.7						
Sheet (Over 10 Mils), Total	12,875	9,937	29.6	56,944	59,164	-3.8						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	3,042	D5		10,299	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	172,444	161,379	6.9	882,151	811,868	8.7						
Textile Applications	163,645	153,458	6.6	828,236	770,251	7.5						
Nonwovens	51,784	43,121	20.1	256,633	200,256	28.2						
Monofilament & Multifilament Fibers	55,498	73,602	-24.6	287,050	362,277	-20.8						
Slit Film Fibers	56,363	36,735	53.4	284,553	207,718	37.0						
Non-Textile Monofilaments	8,799	7,921	11.1	53,915	41,617	29.6						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,298	9,938	N/C	50,645	42,923	N/C						
Resellers/Distributors/Compounders, Total	116,878	114,530	2.1	601,829	551,097	9.2						
Resellers	37,289	77,892 C	N/C	218,975	371,612 C	N/C						
Distributors	31,763	N/A		162,380	N/A							
Compounders	47,826	36,638	30.5	220,474	179,485	22.8						
All Other Uses	8,552	6,251	36.8	35,736	26,876	33.0						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	435,431	452,671	-3.8	2,172,882 R	2,192,688	-0.9	426,690	464,939	-8.2	2,073,241 R	2,178,906	-4.8
Crystal (Solid) Polystyrene	228,745	241,729 A	N/C	1,159,458 R	1,177,105 A	N/C	180,027	238,859 A	N/C	820,272 R	1,202,166 A	N/C
Rubber Modified Polystyrene	206,686	210,942	-2.0	1,013,424 R	1,015,583	-0.2	189,397	226,080	-16.2	947,246	976,740	-3.0
Expandable Polystyrene	D13			D13			57,266			305,723 R		
Exports, Total	12,838	12,895	-0.4	74,471 R	89,576	-16.9						
Crystal (Solid) Polystyrene	6,323	8,645 A	N/C	41,587 R	49,073 A	N/C						
Rubber Modified Polystyrene	6,515	4,250	53.3	32,884 R	40,503	-18.8						
Expandable Polystyrene	D13			D13								
Domestic, Total	422,593	439,776	-3.9	2,098,411 R	2,103,112	-0.2						
Molding	146,573	180,943	-19.0	726,241 R	858,729	-15.4						
Extrusion	213,436	191,182	11.6	1,029,839 R	886,140	16.2						
Expandable Polystyrene	51,767	58,760	-11.9	282,810	284,244	-0.5						
Block	15,182	20,474	-25.8	101,314	104,813	-3.3						
Shape	13,722	13,636	0.6	65,001	64,361	1.0						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,863	24,650	-7.2	116,495	115,070	1.2						
All Other Uses	10,817	8,891	21.7	59,521 R	73,999	-19.6						
Polystyrene End-Uses, Total	422,593	439,776	-3.9	2,098,411 R	2,103,112	-0.2						
Packaging & One Time Use	168,726	178,680 B	-5.6	807,734 R	796,830 B	1.4						
Consumer & Institutional Products	45,048	64,085	-29.7	225,786 R	318,101	-29.0						
Electrical/Electronics	60,647	55,816	8.7	291,182 R	273,649	6.4						
Furniture,Furnishings,Bldg. & Constructio	24,187	25,883	-6.6	136,021 R	126,194	7.8						
Expandable Polystyrene	51,767	58,760	-11.9	282,810	284,244	-0.5						
Resellers and Compounders	54,443	47,838	13.8	259,363 R	217,030	19.5						
All Other End-Uses	17,775	8,714	104.0	95,515 R	87,064	9.7						

D6 = Disclosure: Included in Other EPS

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989.

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable

D = Disclosure

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	98,389	108,376	-9.2	497,018 R	563,835	-11.9	105,997	116,788	-9.2	479,175	601,304	-20.3
SAN (STYRENE-ACRYLONITRILE), TOTAL	13,033	10,793	20.8	54,164 R	47,861	13.2	11,907	12,449	-4.4	53,355	53,015	0.6
Total Exports	5,687	2,896	96.4	18,285 R	15,392	18.8						
Total Domestic	7,346	7,897	-7.0	35,879 R	32,469	10.5						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	14,691	13,083	12.3	67,080 R	67,995	-1.3	13,335	10,751	24.0	62,407	63,483	-1.7
ABS, SAN, & OTHER STYRENICS, TOTAL	126,113	132,252	-4.6	618,262 R	679,691	-9.0	131,239	139,988	-6.2	594,937	717,802	-17.1
Total Exports	N.R. 1	N.R. 1		N.R. 1	N.R. 1							
Total Domestic	126,113	132,252	-4.6	618,262 R	679,691	-9.0						
Electrical/Electronics	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
Building & Construction	11,556	12,620	-8.4	61,056 R	70,693	-13.6						
Transportation	36,576	34,734	5.3	163,961 R	185,682	-11.7						
Consumer & Institutional	N.R. 2	N.R. 2		N.R. 2	N.R. 2							
All Other Uses	77,981	84,898	-8.1	393,245 R	423,316	-7.1						
STYRENE BASED LATEXES, TOTAL*	97,361	90,912	7.1	457,813	431,855	6.0	86,232	86,206	0.0	431,135	416,291	3.6
Carpet Backing	28,625	34,922	-18.0	152,578	159,559	-4.4						
All Other Uses	68,736	55,990 J	22.8	305,235	272,296 J	12.1						
NYLON RESINS, TOTAL(6)	52,618	50,730	3.7	235,701	255,638	-7.8	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,731	6,694	15.5	28,408	31,767	-10.6						
Domestic, Total	44,887	44,036	1.9	207,293	223,871	-7.4	51,787	52,189	-0.8	235,643	250,090	-5.8
Injection Molding Grade	25,914	25,995	-0.3	121,014	134,027	-9.7						
Extrusion Grade	14,264	13,000	9.7	65,848	64,360	2.3						
Resellers & Compounders	3,661	3,381	8.3	16,827	17,700	-4.9						
All Other Uses	1,048	1,660	-36.9	3,604	7,784	-53.7						
Nylon End-Uses, Total	44,887	44,036	1.9	207,293	223,871	-7.4						
Automotive and Truck	15,237	N/A		68,315	N/A							
Electrical and Electronic	3,689	N/A		23,958	N/A							
Appliances	1,295	N/A		5,677	N/A							
Film and Coating	6,962	N/A		30,789	N/A							
Wire and Cable	4,488	N/A		16,574	N/A							
Monofilament	1,562	N/A		8,856	N/A							
Consumer	1,960	N/A		8,276	N/A							
Industrial/Machinery	3,870	N/A		18,772	N/A							
All Other End-Uses	5,824	N/A		26,076	N/A							

N.R.1 – Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 – Not Reported; Included in All Other Uses.
* – Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.

R = Revision
D = Disclosure
N/A = Not Available
(6) – Includes sales from imports.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	782,169	744,190	5.1	3,869,064	3,544,294	9.2	787,779	687,192	14.6	3,799,020	3,577,305	6.2
Homopolymer Resins, Including Blending & Latex	722,165	682,998	5.7	3,580,569	3,244,353	10.4	725,765	627,048	15.7	3,492,353	3,264,690	7.0
Copolymer Resins, Including Blending & Latex	16,840	20,312	-17.1	85,357	91,505	-6.7	16,427	17,832	-7.9	85,618	96,317	-11.1
Dispersion Resins	43,164	40,880	5.6	203,138	208,436	-2.5	45,587	42,312	7.7	221,049	216,298	2.2
Exports, Total	64,407	82,343	-21.8	381,976	285,840	33.6						
Domestic, Total	717,762	661,847	8.4	3,487,088	3,258,454	7.0						
Calendering, Total	77,611	81,397	-4.7	397,693	369,841	7.5						
Flooring	19,714	18,156	8.6	95,211	86,929	9.5						
Textile	8,587	11,598	-26.0	46,329	50,143	-7.6						
All Other Calendering Uses	49,310	51,643	-4.5	256,153	232,769	10.0						
Coating, Total	29,492	31,787	-7.2	138,292	158,518	-12.8						
Flooring	14,932	12,847	16.2	63,263	65,779	-3.8						
Textile and Paper Coating	7,052	9,419	-25.1	36,643	45,779	-20.0						
Protective Coatings	3,453	4,522	-23.6	18,631	22,704	-17.9						
Adhesives & All Other Coating Uses	4,055	4,999	-18.9	19,755	24,256	-18.6						
Extrusion, Total	490,293	437,571	12.0	2,364,329	2,194,478	7.7						
Wire and Cable	32,119	33,647	-4.5	169,787	165,708	2.5						
Film and Sheet, Packaging	25,581	24,419	4.8	139,025	134,615	3.3						
Film and Sheet, Non-Packaging	2,712	7,062	-61.6	18,348	24,433	-24.9						
Siding, Siding Acc. & Moble Home Skirting	67,034	62,223	7.7	350,184	314,601	11.3						
Rigid Pipe and Tubing (except fittings)	312,177	263,241	18.6	1,433,773	1,328,249	7.9						
All Other Extrusion Uses	50,670	46,979	7.9	253,212	226,872	11.6						
Molding, Total	44,494	42,946	3.6	226,702	229,445	-1.2						
Bottles	18,739	16,520	13.4	94,599	93,954	0.7						
Fittings (Rigid Pipe and Tubing)	16,312	12,727	28.2	77,003	69,401	11.0						
All Other Molding Uses	9,443	13,699	-31.1	55,100	66,090	-16.6						
Paste Processes (except coating), Total	16,292	16,049	1.5	72,293	75,699	-4.5						
Plastisol Formulation	8,541	8,730	-2.2	38,913	40,763	-4.5						
All Other Paste Process Uses	7,751	7,319	5.9	33,380	34,936	-4.5						
Resellers & Compounders	35,060	32,171	9.0	154,772	143,657	7.7						
All Other Uses	24,520	19,926	23.1	133,007	86,816	53.2						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	17,656	16,421	7.5	82,785 R	84,716	-2.3	18,456	18,074	2.1	96,502 R	92,130	4.7
Exports, Total	7,380	5,582	32.2	30,384 R	29,448	3.2						
Domestic, Total	10,276	10,839	-5.2	52,401 R	55,268	-5.2						
THERMOPLASTIC POLYESTER, TOTAL (6)	171,951	150,302	14.4	780,299	700,161	11.4	156,174	145,697	7.2	760,743	701,778	8.4
Exports, Total	34,415	26,790	28.5	147,455	115,299	27.9						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	137,536	123,512	11.4	632,844	584,862	8.2						
Domestic PET	N. R.	N. R.		N. R.	N. R.							
Solid State Phase Resin	D	D		D	D							
PET Bottle Grades	93,477	85,040	9.9	431,497	389,210	10.9						
PET/PBT Resellers & Compounders	N. R.	N/A		N.R.	N/A							
All Other Thermoplastic Polyester	44,059	38,472	14.5	201,347	195,652	2.9						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

A8920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

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FOR THE MONTH AND PERIOD ENDED

APRIL 30, 1990

DATA FOR CALCULATING
APPARENT CONSUMPTION OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: JULY 17, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

CRS

APRIL 1990

RESIN KIND	APRIL				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	42.4	31.5	1.6	7.1	169.4	122.2	5.1	25.4
POLYESTER (UNSATURATED) RESINS, TOTAL	109.5	109.4	0.5	7.9	430.2	418.2	2.2	36.2
UREA RESINS, TOTAL **	137.5	132.0	2.0	3.9	524.0	504.3	7.2	13.7
MELAMINE RESINS, TOTAL **	18.0	13.6	0.4	1.2	63.7	54.5	1.6	4.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	272.5	269.8	3.1	8.5	1,018.5	1,005.1	13.8	33.0
THERMOSETTING RESINS, TOTAL	579.9	556.3	7.6	28.6	2,205.8	2,104.3	29.9	113.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	635.0	521.2	17.8	64.3	2,392.0	2,078.4	73.7	269.7
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOT	308.6	377.2	69.9	19.9	1191.7	1,438.5	280.0	88.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	697.2	647.7	46.6	61.3	2,608.1	2,473.0	165.9	314.5
POLYPROPYLENE, TOTAL	695.4	550.5	4.9	132.4	2,748.4	2,221.6	20.4	590.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	110.6	109.9	6.8	12.3	373.2	399.6	25.0	48.0
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.8	7.5	0.4	6.3	41.4	29.6	2.4	22.9
OTHER STYRENICS **	101.8	106.6	0.6	15.0	394.0	413.3	2.0	57.2
POLYSTYRENE RESINS, TOTAL	414.9	400.8	8.3	28.0	1,646.7	1,691.1	24.6	103.3
NYLON RESINS, TOTAL (6)	47.2	42.4	5.0	14.4	183.9	162.4	20.3	53.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	774.6	713.1	9.9	66.3	3,011.2	2,769.3	42.7	339.7
VINYL ACETATE MONOMER								
FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS			N/A	N/A			N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	167.9	132.6	7.2	42.7	604.6	495.3	16.6	147.6
THERMOPLASTIC RESINS, TOTAL	3,964.0	3,609.5	177.4	462.9	15,195.2	14,172.1	673.6	2,035.2
GRAND TOTAL	4,543.9	4,165.8	185.0	491.5	17,401.0	16,276.4	703.5	2,148.4

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources: Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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